

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/822,306A
Source: IFWO
Date Processed by STIC: 16-05

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 01/06/2005

PATENT APPLICATION: US/10/822,306A

TIME: 15:12:22

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\01062005\J822306A.raw

4 <110> APPLICANT: Abbott Laboratories
 5 Reilly, Edward B.
 6 Lacy, Susan E.
 7 Fung, Emma
 8 Belk, Johathan P.
 9 Roguska, Michael
 11 <120> TITLE OF INVENTION: Antibodies To Erythropoietin Receptor
 12 And Uses Thereof
 14 <130> FILE REFERENCE: 7349USP1
 16 <140> CURRENT APPLICATION NUMBER: 10/822,306A
 17 <141> CURRENT FILING DATE: 2004-04-12
 19 <150> PRIOR APPLICATION NUMBER: 10/821,497
 20 <151> PRIOR FILING DATE: 2004-04-09
 22 <160> NUMBER OF SEQ ID NOS: 29
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 15
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: scFv linker
 34 <400> SEQUENCE: 1
 35 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 36 1 5 10 15
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 15
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: scFv linker
 47 <400> SEQUENCE: 2
 48 Gly Glu Asn Lys Val Glu Tyr Ala Pro Ala Leu Met Ala Leu Ser
 49 1 5 10 15
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 15
 54 <212> TYPE: PRT
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: scFv linker
 60 <400> SEQUENCE: 3
 61 Gly Pro Ala Lys Glu Leu Thr Pro Leu Lys Glu Ala Lys Val Ser
 62 1 5 10 15
 65 <210> SEQ ID NO: 4

(p5.6)

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66 <211> LENGTH: 15
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: scFv linker
73 <400> SEQUENCE: 4
74 Gly His Glu Ala Ala Val Met Gln Val Gln Tyr Pro Ala Ser
75 1 5 10 15
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 116
80 <212> TYPE: PRT
81 <213> ORGANISM: Homo sapiens
83 <400> SEQUENCE: 5
84 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
85 1 5 10 15
86 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
87 20 25 30
88 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
89 35 40 45
90 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
91 50 55 60
92 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
93 65 70 75 80
94 Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
95 85 90 95
96 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
97 100 105 110
98 Thr Val Ser Ser
99 115
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 116
104 <212> TYPE: PRT
105 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 6
108 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
109 1 5 10 15
110 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
111 20 25 30
112 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
113 35 40 45
114 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
115 50 55 60
116 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
117 65 70 75 80
118 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
119 85 90 95
120 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
121 100 105 110
122 Thr Val Ser Ser

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123          115
126 <210> SEQ ID NO: 7
127 <211> LENGTH: 116
128 <212> TYPE: PRT
129 <213> ORGANISM: Homo sapiens
131 <400> SEQUENCE: 7
132 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
133 1          5          10          15
134 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
135          20          25          30
136 Tyr Trp Ser Trp Ile Arg Gln Pro Gly Lys Gly Leu Glu Trp Ile
137          35          40          45
138 Gly Tyr Ile Gly Gly Glu Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
139          50          55          60
140 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
141 65          70          75          80
142 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
143          85          90          95
144 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
145          100          105          110
146 Thr Val Ser Ser
147          115
150 <210> SEQ ID NO: 8
151 <211> LENGTH: 116
152 <212> TYPE: PRT
153 <213> ORGANISM: Homo sapiens
155 <400> SEQUENCE: 8
156 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
157 1          5          10          15
158 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
159          20          25          30
160 Tyr Trp Ser Trp Ile Arg Gln Pro Gly Lys Gly Leu Glu Trp Ile
161          35          40          45
162 Gly Tyr Ile Ala Gly Thr Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
163          50          55          60
164 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
165 65          70          75          80
166 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
167          85          90          95
168 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
169          100          105          110
170 Thr Val Ser Ser
171          115
174 <210> SEQ ID NO: 9
175 <211> LENGTH: 116
176 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 9
180 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu

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181 1          5          10          15
182 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
183          20          25          30
184 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
185          35          40          45
186 Gly Tyr Ile Gly Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
187          50          55          60
188 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
189 65          70          75          80
190 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
191          85          90          95
192 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
193          100          105          110
194 Thr Val Ser Ser
195          115
198 <210> SEQ ID NO: 10
199 <211> LENGTH: 116.
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 10
204 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
205 1          5          10          15
206 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
207          20          25          30
208 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
209          35          40          45
210 Gly Tyr Ile Tyr Gly Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
211          50          55          60
212 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
213 65          70          75          80
214 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
215          85          90          95
216 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
217          100          105          110
218 Thr Val Ser Ser
219          115
222 <210> SEQ ID NO: 11
223 <211> LENGTH: 116
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 11
228 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
229 1          5          10          15
230 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
231          20          25          30
232 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
233          35          40          45
234 Gly Tyr Ile Tyr Tyr Glu Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
235          50          55          60

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```

236 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
237 65      —      70      75      80
238 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
239      85      90      95
240 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
241      100      105      110
242 Thr Val Ser Ser
243      115
246 <210> SEQ ID NO: 12
247 <211> LENGTH: 116
248 <212> TYPE: PRT
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 12
252 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
253 1      5      10      15
254 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
255      20      25      30
256 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
257      35      40      45
258 Gly Tyr Ile Gly Gly Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
259      50      55      60
260 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
261 65      70      75      80
262 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
263      85      90      95
264 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
265      100      105      110
266 Thr Val Ser Ser
267      115
270 <210> SEQ ID NO: 13
271 <211> LENGTH: 116
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 13
276 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
277 1      5      10      15
278 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
279      20      25      30
280 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
281      35      40      45
282 Gly Tyr Ile Tyr Gly Glu Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
283      50      55      60
284 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
285 65      70      75      80
286 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
287      85      90      95
288 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
289      100      105      110
290 Thr Val Ser Ser

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/06/2005
PATENT APPLICATION: US/10/822,306A TIME: 15:12:23

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:15; Xaa Pos. 52,53,54
Seq#:18; Xaa Pos. 3,4,5
Seq#:28; N Pos. 4,7,10,13,16,19,22,25,28,31,34,37,40
Seq#:29; N Pos. 5,8,11,14,17,20,23,26,29,32,35,38,41

VERIFICATION SUMMARY

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Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

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L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:48
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0